

AP Statistics Worksheet
Log Review

Name: _____

For each expression below, predict y , when $x = 4$. (2 points each)

1. $\ln \hat{y} = 1.2 + 0.8x$

2. $\hat{y} = 1.2x^{0.8}$

3. $\log \hat{y} = 1.2 + 0.8x$

4. $\hat{y} = 1.2 + 0.8 \log x$

5. $\sqrt{\hat{y}} = 1.2 + 0.8x$

Graph the below. Make sure you identify any asymptotes. (2 points each)

6. $y = \log x$

7. $y = \ln x$

8. $y = 2^x$

